

HIGH-SPEED, LOW-POWER CROSSBAR SWITCH

ABSTRACT OF THE DISCLOSURE

In a crosspoint switch, both input buses and output buses are driven at low swing. Self-timed, differential, push-pull, low swing driver circuits drive the input
5 buses and are provided in the crosspoints to drive the output buses. Clocked, regenerative sense amplifiers are provided in crosspoints and at outputs of the data buses.

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